# This Page Is Inserted by IFW Operations and is not a part of the Official Record

### BEST AVAILABLE IMAGES

Defective images within this document are accurate representations of the original documents submitted by the applicant.

Defects in the images may include (but are not limited to):

- BLACK BORDERS
- TEXT CUT OFF AT TOP, BOTTOM OR SIDES
- FADED TEXT
- ILLEGIBLE TEXT
- SKEWED/SLANTED IMAGES
- COLORED PHOTOS
- BLACK OR VERY BLACK AND WHITE DARK PHOTOS
- GRAY SCALE DOCUMENTS

### IMAGES ARE BEST AVAILABLE COPY.

As rescanning documents will not correct images, please do not report the images to the Image Problem Mailbox.

Inventor: Nielson et al. Serial No.: 10/801,948 Docket No.: 2507-6358US





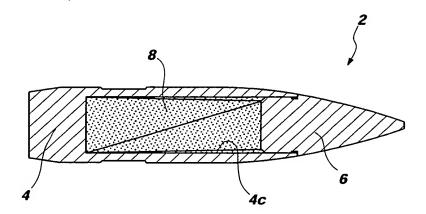


FIG. 1

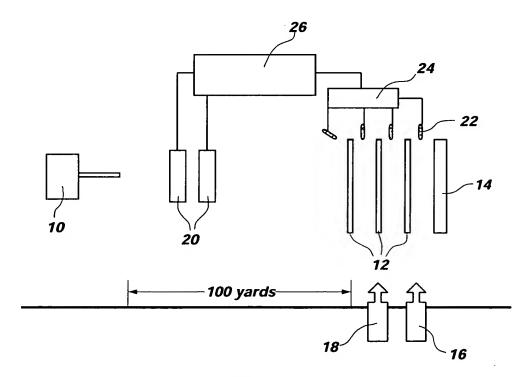


FIG. 2

Inventor: Nielson et al. Serial No.: 10/801,948 Docket No.: 2507-6358US

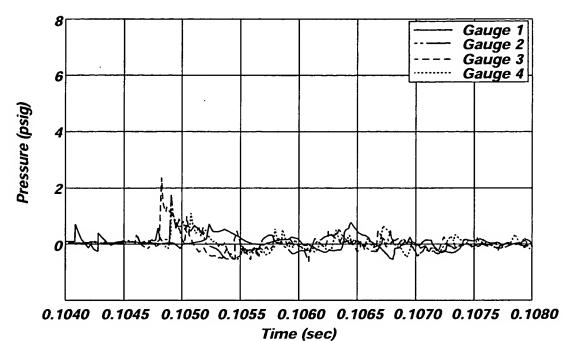


FIG. 3

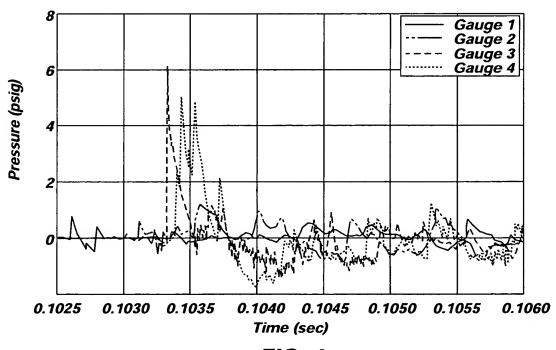


FIG. 4

Inventor: Nielson et al. Serial No.: 10/801,948 Docket No.: 2507-6358US

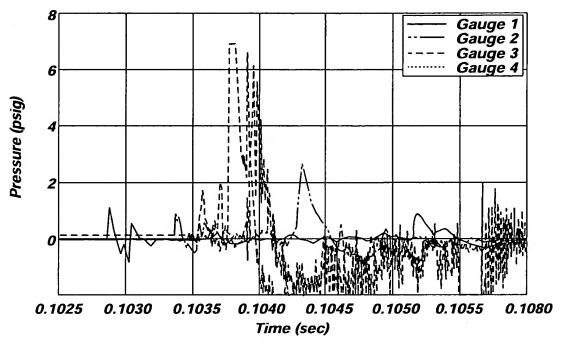


FIG. 5

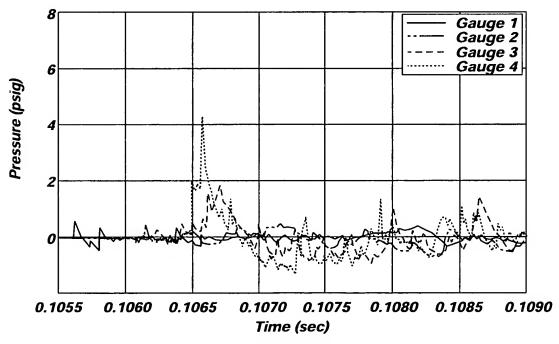


FIG. 6

Inventor: Nielson et al. Serial No.: 10/801,948 Docket No.: 2507-6358US

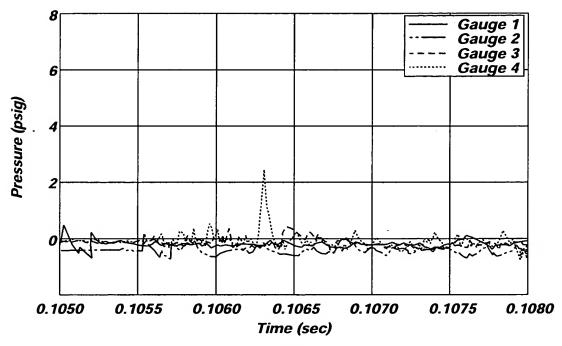


FIG. 7

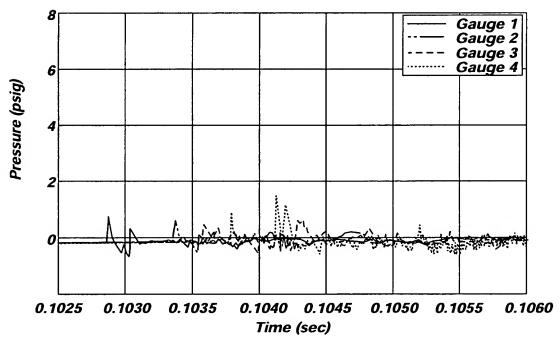


FIG. 8

Inventor: Nielson et al. Serial No.: 10/801,948 Docket No.: 2507-6358US

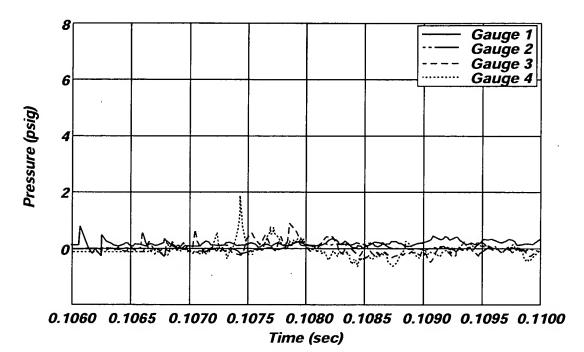


FIG. 9

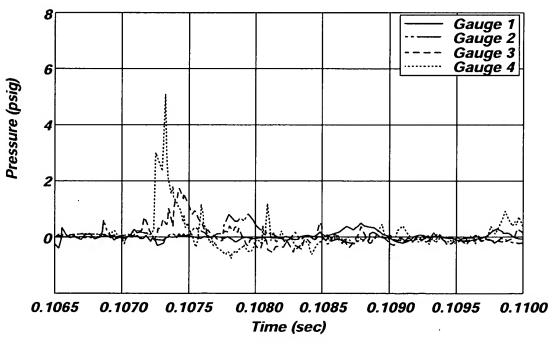


FIG. 10

Inventor: Nielson et al. Serial No.: 10/801,948 Docket No.: 2507-6358US

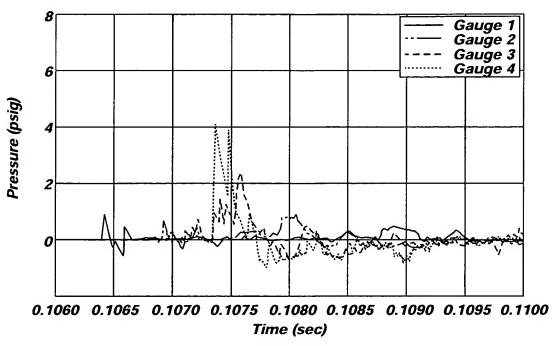


FIG. 11

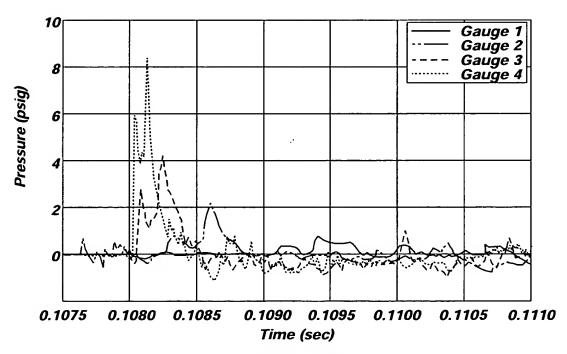


FIG. 12

Inventor: Nielson et al. Serial No.: 10/801,948 Docket No.: 2507-6358US

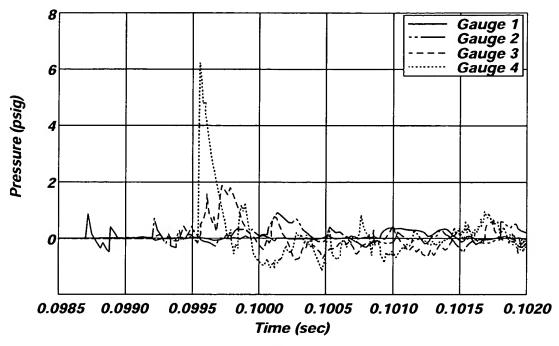


FIG. 13

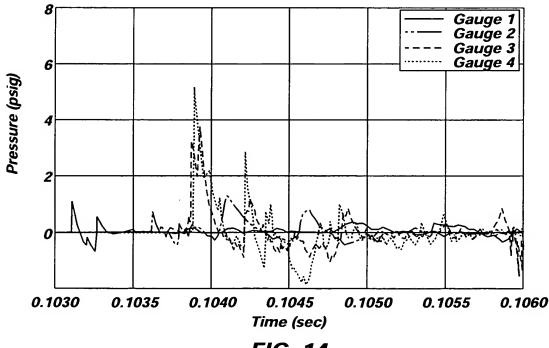


FIG. 14

Inventor: Nielson et al. Serial No.: 10/801,948 Docket No.: 2507-6358US

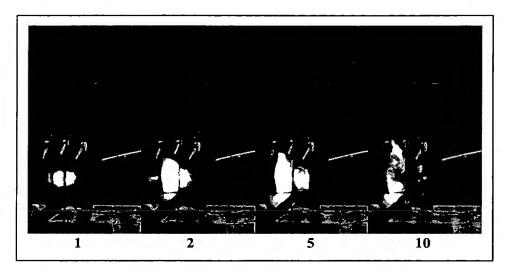


FIG. 15

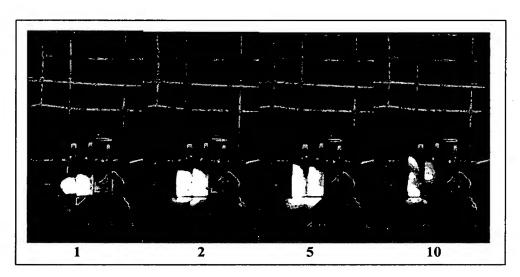


FIG. 16

Inventor: Nielson et al. Serial No.: 10/801,948 Docket No.: 2507-6358US

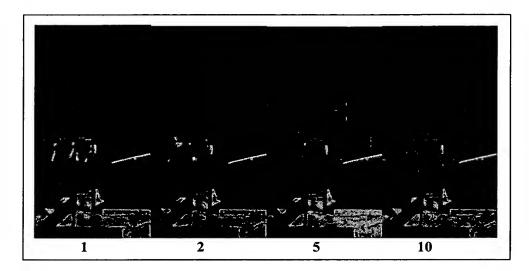


FIG. 17

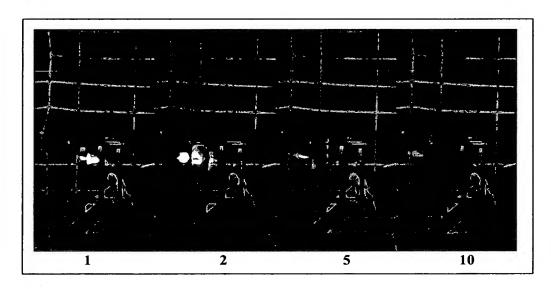


FIG. 18

Inventor: Nielson et al. Serial No.: 10/801,948 Docket No.: 2507-6358US

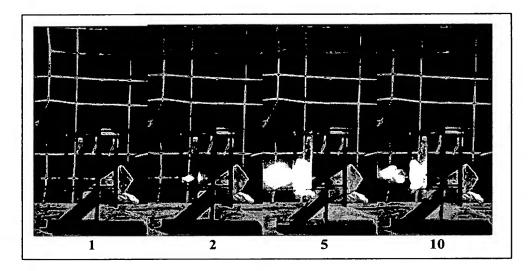


FIG. 19

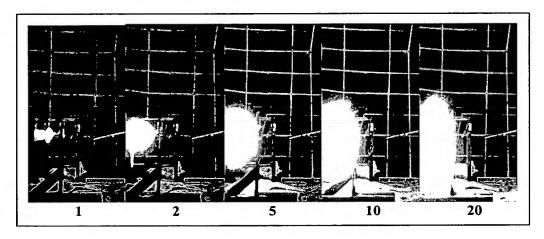


FIG. 20

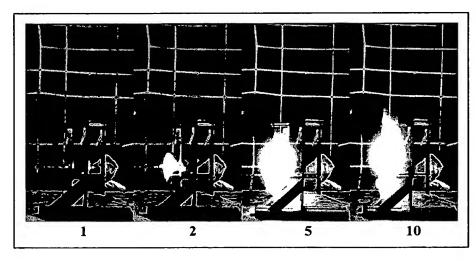


FIG. 21

Inventor: Nielson et al. Serial No.: 10/801,948 Docket No.: 2507-6358US

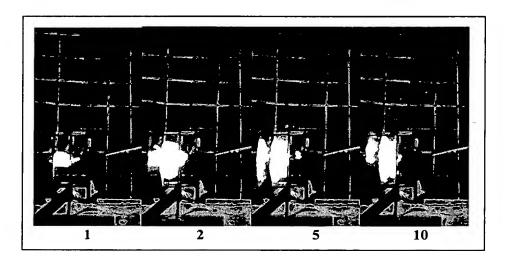


FIG. 22

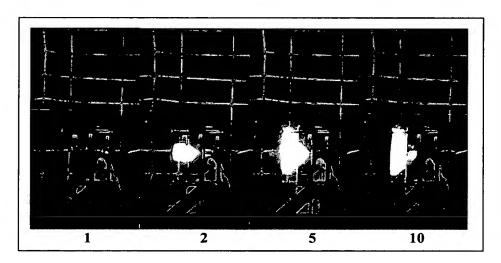


FIG. 23

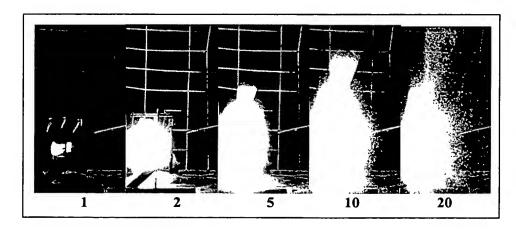


FIG. 24

Inventor: Nielson et al. Serial No.: 10/801,948 Docket No.: 2507-6358US

12/27

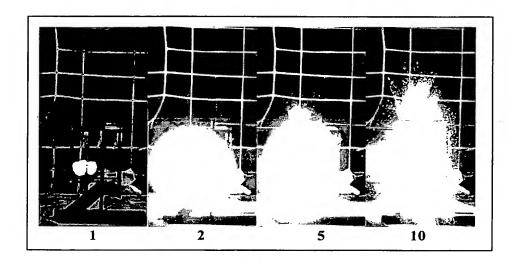


FIG. 25

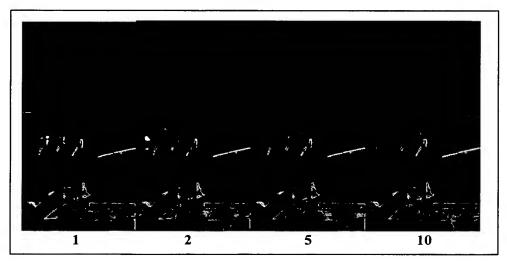


FIG. 26

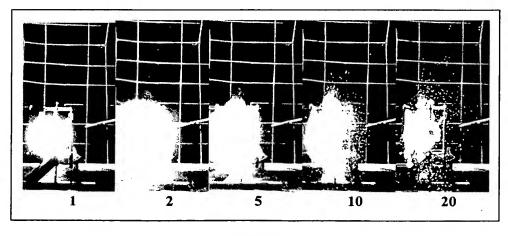


FIG. 27

Inventor: Nielson et al. Serial No.: 10/801,948 Docket No.: 2507-6358US

13/27

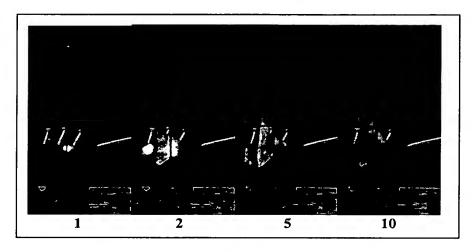


FIG. 28

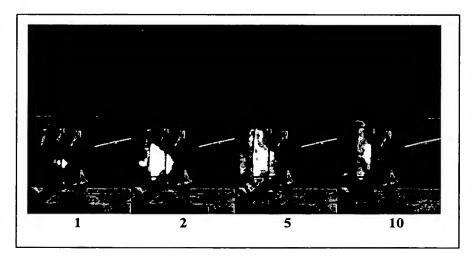


FIG. 29

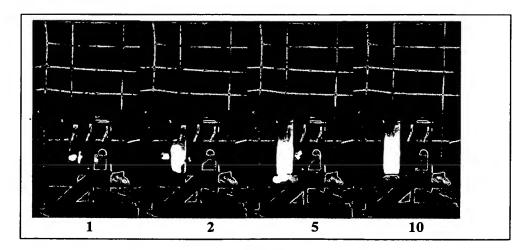


FIG. 30

Inventor: Nielson et al. Serial No.: 10/801,948 Docket No.: 2507-6358US

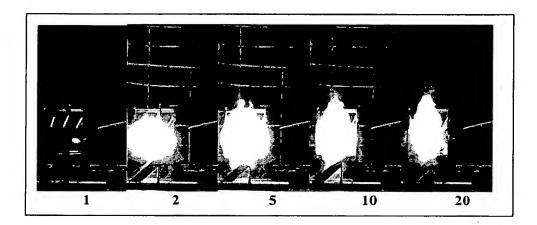


FIG. 31

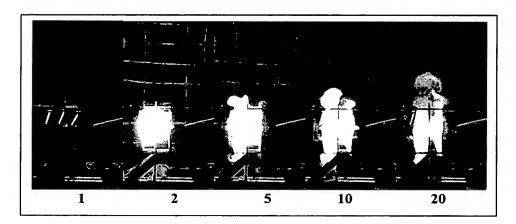


FIG. 32

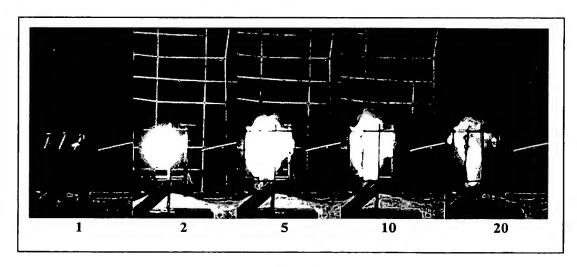


FIG. 33

Inventor: Nielson et al. Serial No.: 10/801,948 Docket No.: 2507-6358US

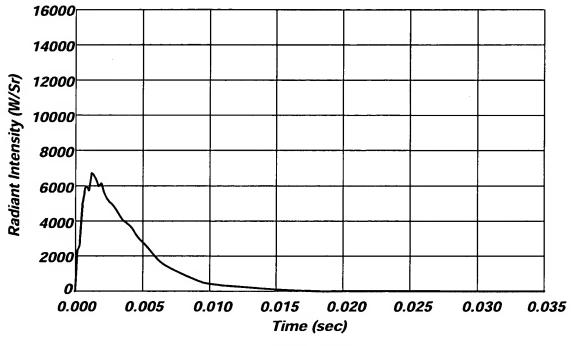


FIG. 34

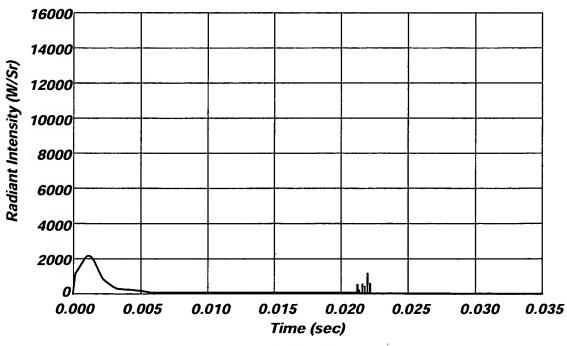
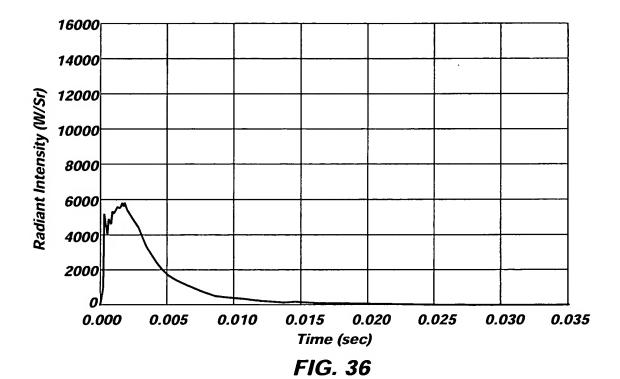
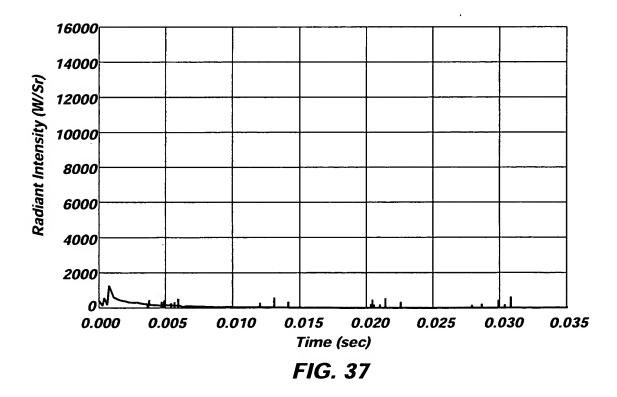


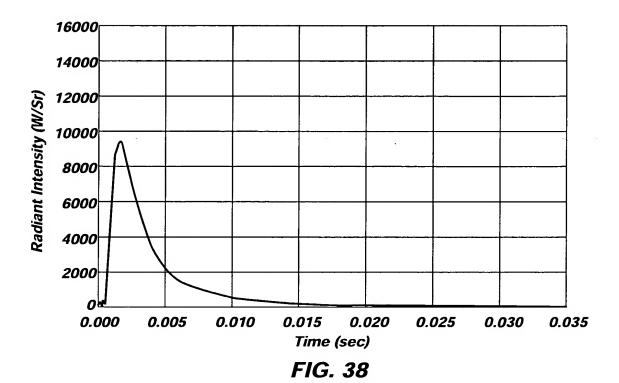
FIG. 35

Inventor: Nielson et al. Serial No.: 10/801,948 Docket No.: 2507-6358US





Inventor: Nielson et al. Serial No.: 10/801,948 Docket No.: 2507-6358US



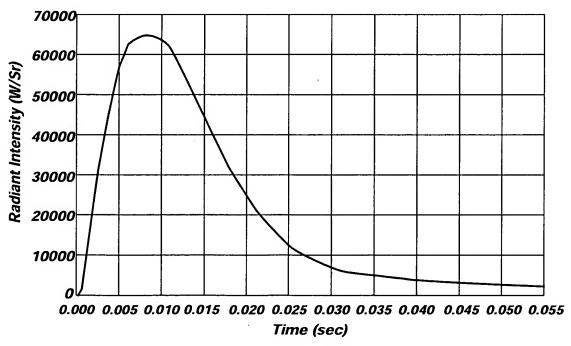


FIG. 39

Inventor: Nielson et al. Serial No.: 10/801,948 Docket No.: 2507-6358US

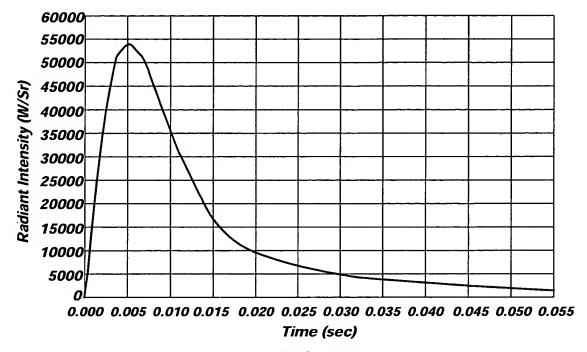
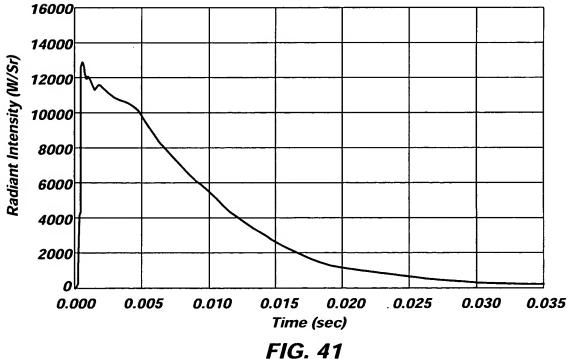


FIG. 40



Inventor: Nielson et al. Serial No.: 10/801,948 Docket No.: 2507-6358US

19/27

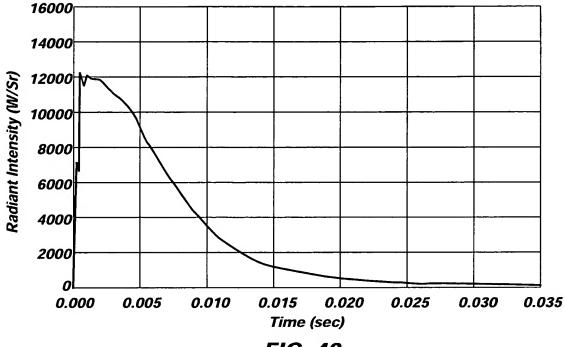


FIG. 42

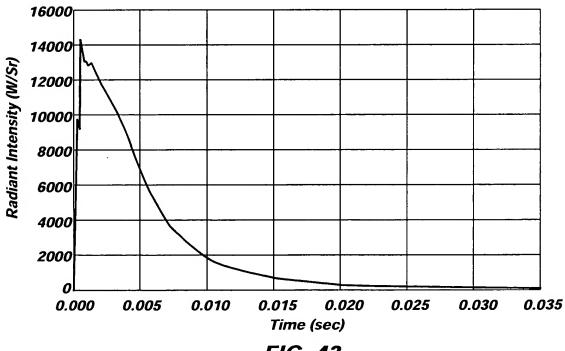
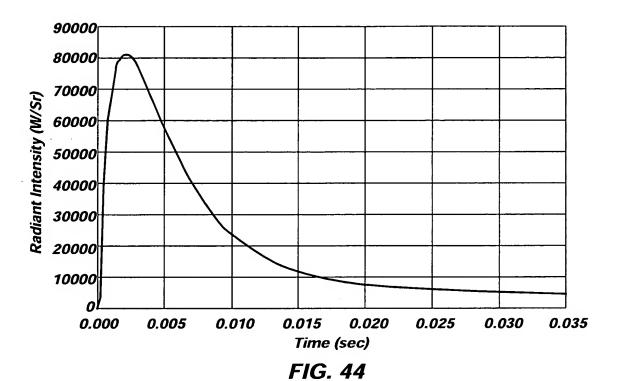
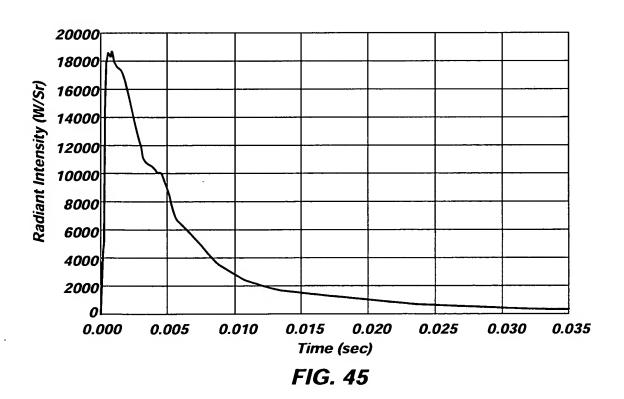


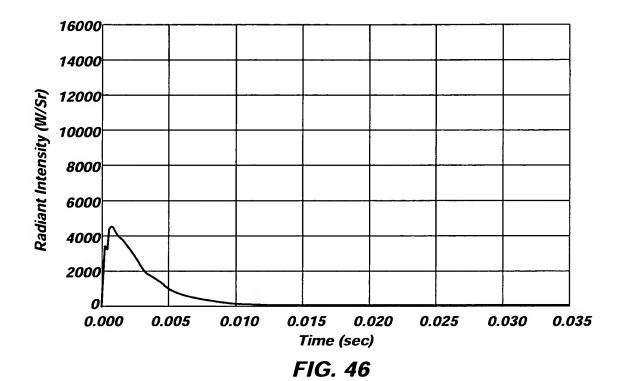
FIG. 43

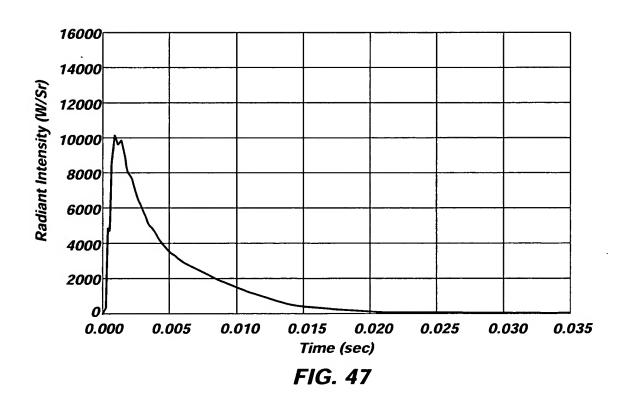
Inventor: Nielson et al. Serial No.: 10/801,948 Docket No.: 2507-6358US



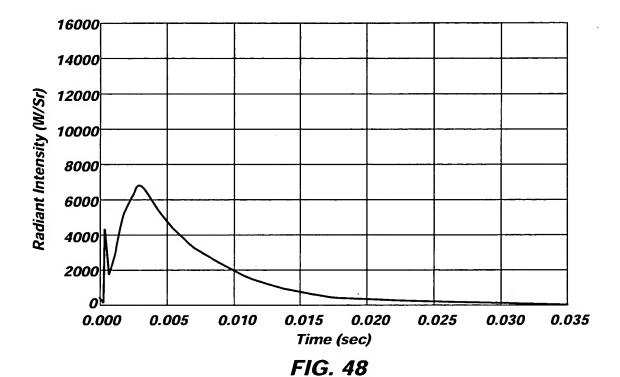


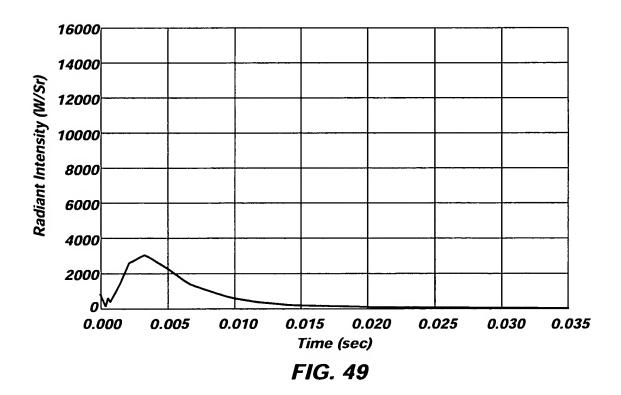
Inventor: Nielson et al. Serial No.: 10/801,948 Docket No.: 2507-6358US



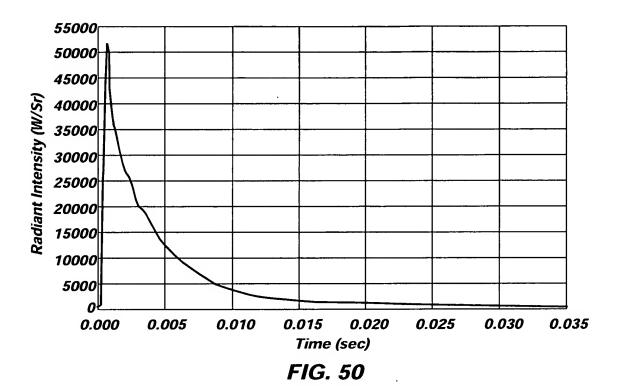


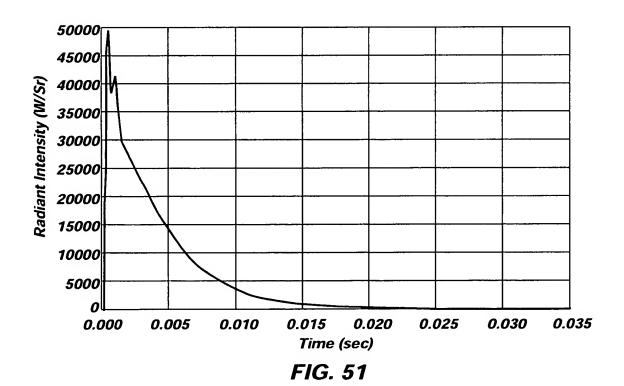
Inventor: Nielson et al. Serial No.: 10/801,948 Docket No.: 2507-6358US





Inventor: Nielson et al. Serial No.: 10/801,948 Docket No.: 2507-6358US





Inventor: Nielson et al. Serial No.: 10/801,948 Docket No.: 2507-6358US

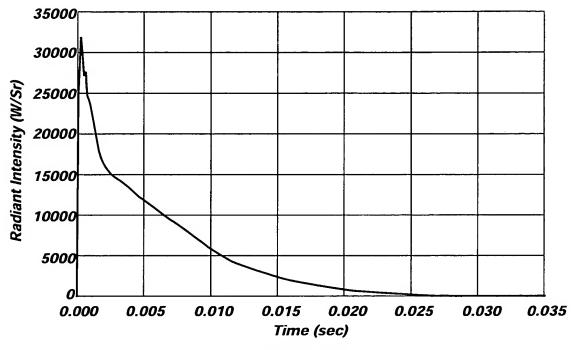
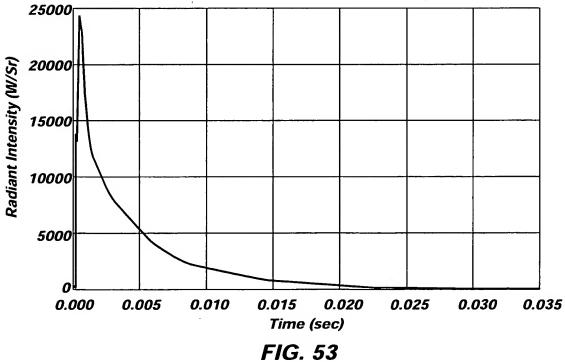
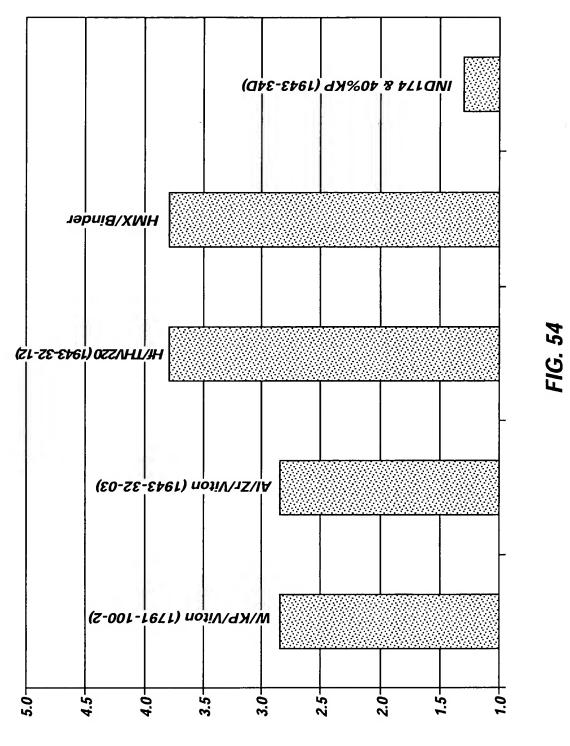


FIG. 52

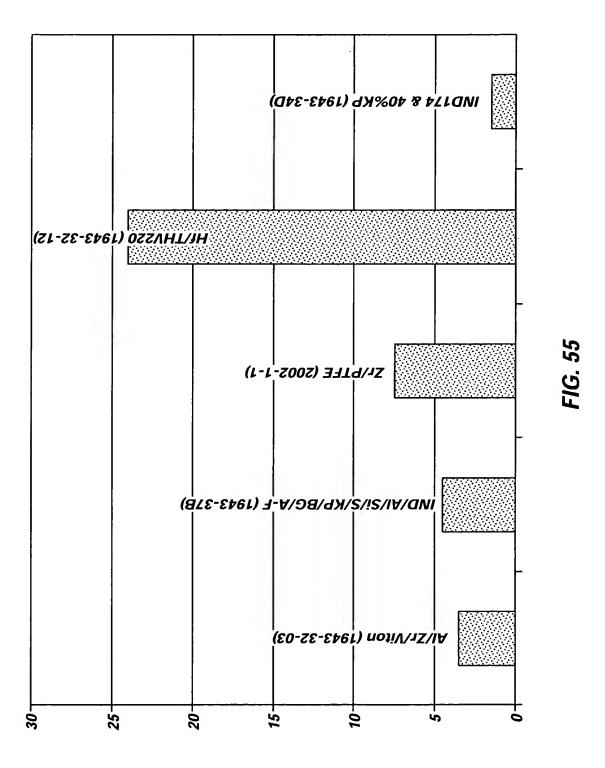


Inventor: Nielson et al. Serial No.: 10/801,948 Docket No.: 2507-6358US



Target Damage (in<sup>2</sup>)

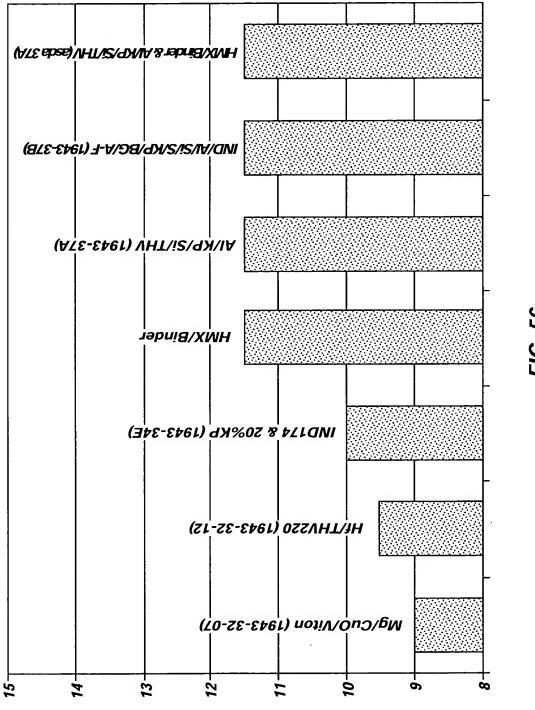
Inventor: Nielson et al. Serial No.: 10/801,948 Docket No.: 2507-6358US



Plume Size (ft<sup>2</sup>)

Inventor: Nielson et al. Serial No.: 10/801,948 Docket No.: 2507-6358US

27/27



Pressure Release (psi)

-16.56